

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A47L15/50

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A47L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 431 294 A (STOTTMANN RICHARD L ET AL) 11 July 1995 (1995-07-11) column 2, line 13 - column 3, line 21; figure 1	1,2
X	DE 296 08 871 U (AEG HAUSGERAETE GMBH) 11 September 1997 (1997-09-11) page 5, line 7 - page 6, line 2; figures 1,2	1,2
X	FR 2 139 224 A (BOSCH HAUSGERAETE GMBH) 5 January 1973 (1973-01-05) page 2, line 32 - page 3, line 14	1,2
A	EP 0 186 157 A (MIELE & CIE) 2 July 1986 (1986-07-02) cited in the application the whole document	1-8

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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

11 January 2005

Date of mailing of the international search report

20/01/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 072 221 A (AEG HAUSGERAETE GMBH) 31 January 2001 (2001-01-31) the whole document -----	1-8
A	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 24, 11 May 2001 (2001-05-11) & JP 2001 178670 A (RINNAI CORP), 3 July 2001 (2001-07-03) abstract -----	1-8

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

IB2004/052213

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5431294	A	11-07-1995	NONE	
DE 29608871	U	11-09-1997	DE 29608871 U1	11-09-1997
FR 2139224	A	05-01-1973	FR 2139224 A7 IT 955591 B	05-01-1973 29-09-1973
EP 0186157	A	02-07-1986	DE 3447302 A1 DE 3570354 D1 EP 0186157 A1	26-06-1986 29-06-1989 02-07-1986
EP 1072221	A	31-01-2001	DE 19935312 A1 EP 1072221 A1	15-02-2001 31-01-2001
JP 2001178670	A	03-07-2001	NONE	